


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Substitute for form 1449A/B/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)				<i>Complete if Known</i>	
				Application Number	Unassigned <i>10/627 784</i>
				Filing Date	July 28, 2003
				First Named Inventor	Takeshi OHI
				Group Art Unit	Unassigned <i>2816</i>
Examiner Name	Unassigned				
Sheet	1	of	1	Attorney Docket Number	402720

U.S. PATENT DOCUMENTS						
Examiner Initials	Doc. No.	U.S. Patent Document		Name of Patentee or Applicant	Date of Publication	Filing Date If Appropriate
		Application or Patent Number	Kind Code			
<i>Mr</i>	A 1	5,210,479		Kimura et al. <i>318/127</i>	5/11/1993	
<i>Mr</i>	A 2	5,383,082		Nishizawa <i>36/193</i>	1/17/1995	
<i>Mr</i>	A 3	10/345,388		Nakayama et al.		1/16/2003

FOREIGN PATENT DOCUMENTS								
Examiner Initials	Doc. No.	Foreign Patent Document			Name of Patentee or Applicant	Date of Publication	Translation	
		Office	Application or Patent Number	Kind Code			Yes	No**
<i>Mr</i>	A 4	JP	02-262826		HITACHI LTD	10/25/1990		X+
<i>Mr</i>	A 5	JP	04-337919		MITSUBISHI ELECTRIC CORP.	11/25/1992		X+
<i>Mr</i>	A 6	JP	04-165916		HITACHI LTD	11/06/1992		X+

OTHER - NON PATENT LITERATURE DOCUMENTS				
Examiner Initials	Doc. No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number (s), publisher, city and/or country where published.	Translation	
			Yes	No**
	A7	R. CHOKHAWALA et al., "A Discussion on IGBT Short-Circuit Behavior and Fault Protection Schemes", <i>IEEE Trans. Ind. Applications</i> , 1995, pp. 256-263, 31(2).		

Examiner Signature	<i>Mr. [Signature]</i>	Date Considered	<i>02-17-05</i>
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* A concise statement of relevance is being submitted in lieu of a translation. 37 CFR 1.98(a)(3).

+ An English-language equivalent/patent, or an English-language abstract, or an English-language version of the search report or action by a foreign patent office in a counterpart foreign application indicating the degree of relevance found by the foreign office is being submitted in lieu of a concise explanation of relevance under 37 CFR 1.98(a)(3).